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Introduction To Modern Electronics – Lesson 10: Schematics & Datasheets

FORMULAS

The following formulas and information are meant to go with the online lesson found here:
<http://www.pyroelectro.com/edu/basics/documentation/>

SCHEMATIC CIRCUIT SYMBOLS

There weren't any formulas for this lesson, so I'll leave you with a simplified circuit symbol chart that reminds you of some of the basic and familiar circuit symbols we saw in previous lessons and also introduces you to a few new ones; like switches, motors and speakers.

Resistor	Variable Resistor	Preset	Thermistor	
Electrolytic Capacitor	Trimmer	Ganged Variable Capacitors	Photocell	
Air Wound Coils	Iron Core	Dust Core	Preset	Variable Inductor
Dynamic MIC	ECM MIC	Loudspeaker	Piezo	Crystal
Indicator Lamps	Motor	Voltmeter	Terminal or Test Point	
Battery	Relay	Alternative Relay Contacts	Fuse	Stereo Jack
Switch	SPDT Switch	Rotary Switch	Push Button Switch	NC PBS
Aerial	Earth	Chassis	Wires (Joined)	(Not Joined)

ADDITIONAL INFORMATION

If you have any questions about the formulas or information found in this document, please feel free to head on over to the forums and ask us some questions!

<http://www.pyroelectro.com/forums/viewforum.php?f=22>